

Robertshaw



**ELECTRONIC SYSTEMS
AND COMPONENTS**

TELEGRAPH-LOOP SUPPLY

MULTILOK[®] 6016

**DATA SHEET
MODEL 6016**



DESCRIPTION

The Telegraph-Loop Supply, MULTILOK Model 6016, provides direct current for operation of relay coils in teletypewriter equipment. It operates from commercial ac line voltages and has provisions for adjusting the output current.

The telegraph-loop supply uses silicon diodes in a conventional full-wave rectifier circuit with a capacitive input filter. Tapped secondary windings produce output currents of either 20 ma or 60 ma. The output current may be varied ± 10 percent by a rheostat adjustment. A relatively high internal series resistance insures a nearly constant output over a considerable range of load resistance variation.

AERONAUTICAL AND INSTRUMENT DIVISION

ROBERTSHAW CONTROLS COMPANY

SANTA ANA FREEWAY AT EUCLID STREET • ANAHEIM, CALIFORNIA

DESIGN FEATURES

- Operates From Commercial ac Line Voltages
- Adjustable Output Current
- Solid State Throughout
- Loop Current Monitor Jack

SPECIFICATIONS

INPUT

117 volts rms $\pm 10\%$, 50-60 cps
15 volt-amperes maximum

OUTPUT

60 ma, variable $\pm 10\%$
-125 volts dc nominal
open circuit voltage

20 ma, variable $\pm 10\%$
-48 volts dc nominal
open circuit voltage

DESIGN CENTER LOADS

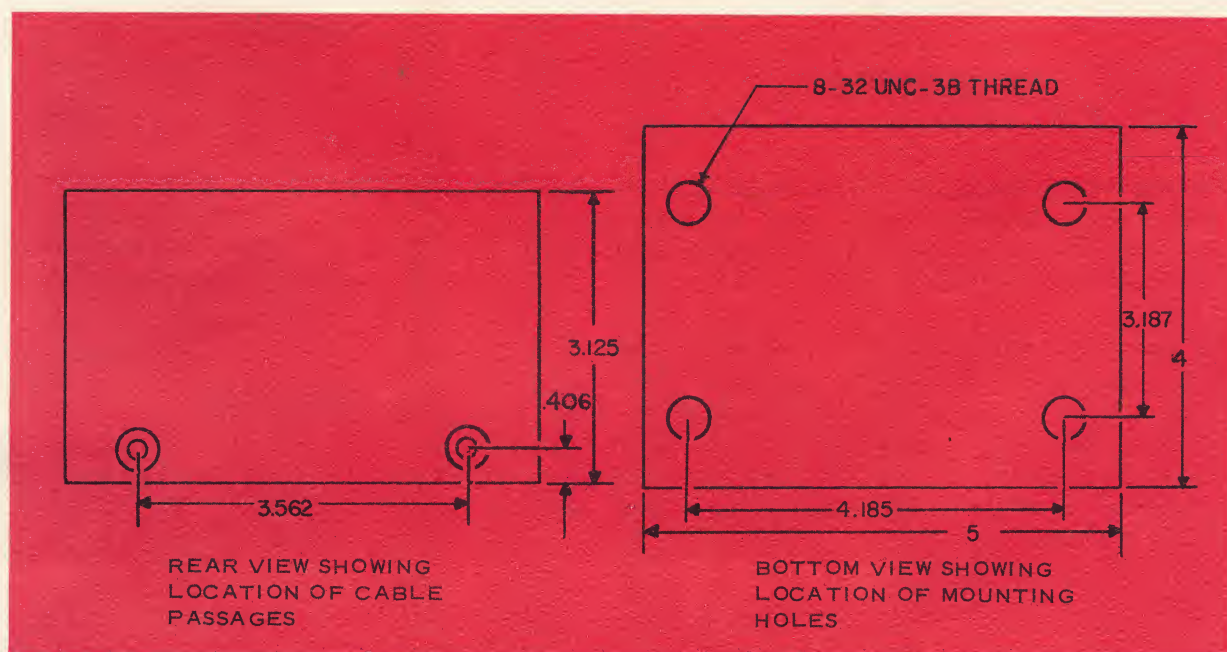
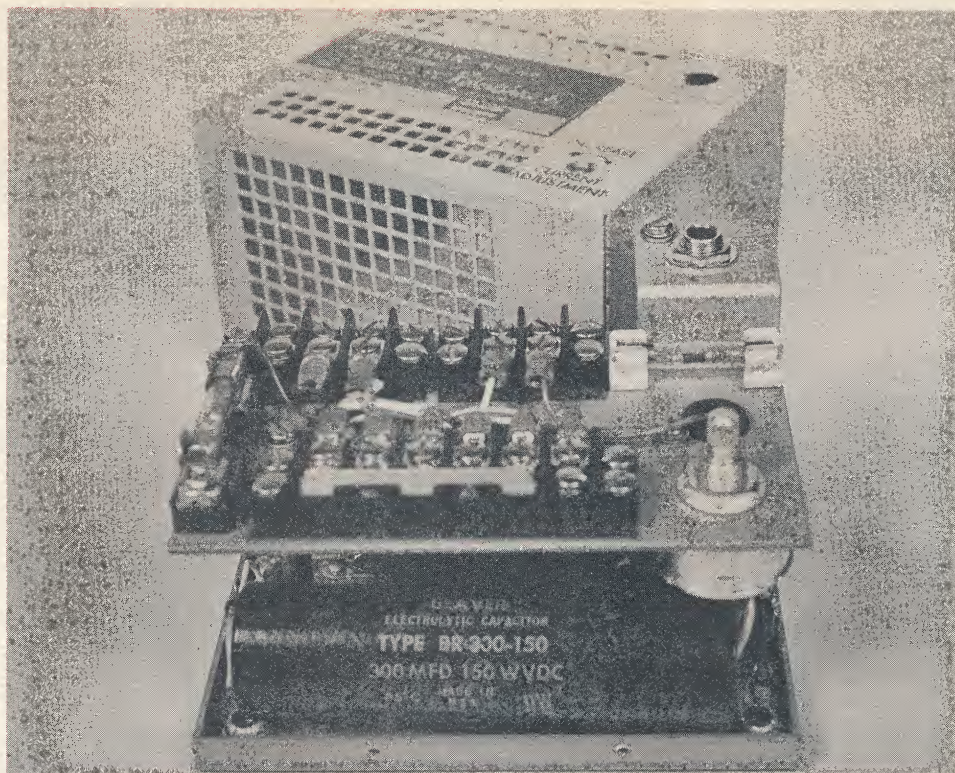
60 ma range - 92 ohms
20 ma range - 368 ohms

DIMENSIONS

Width 5 inches
Height 3.125 inches
Depth 4 inches

WEIGHT 3 lbs

MODEL 6016
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